

EMI ENGINEERING MANAGEMENT INCORPORATED

CIVIL AND ENVIRONMENTAL ENGINEERS
303 SWANSON DRIVE
LAWRENCEVILLE, GEORGIA 30043
PHONE: (770) 962-1387 FAX: (770) 962-8010

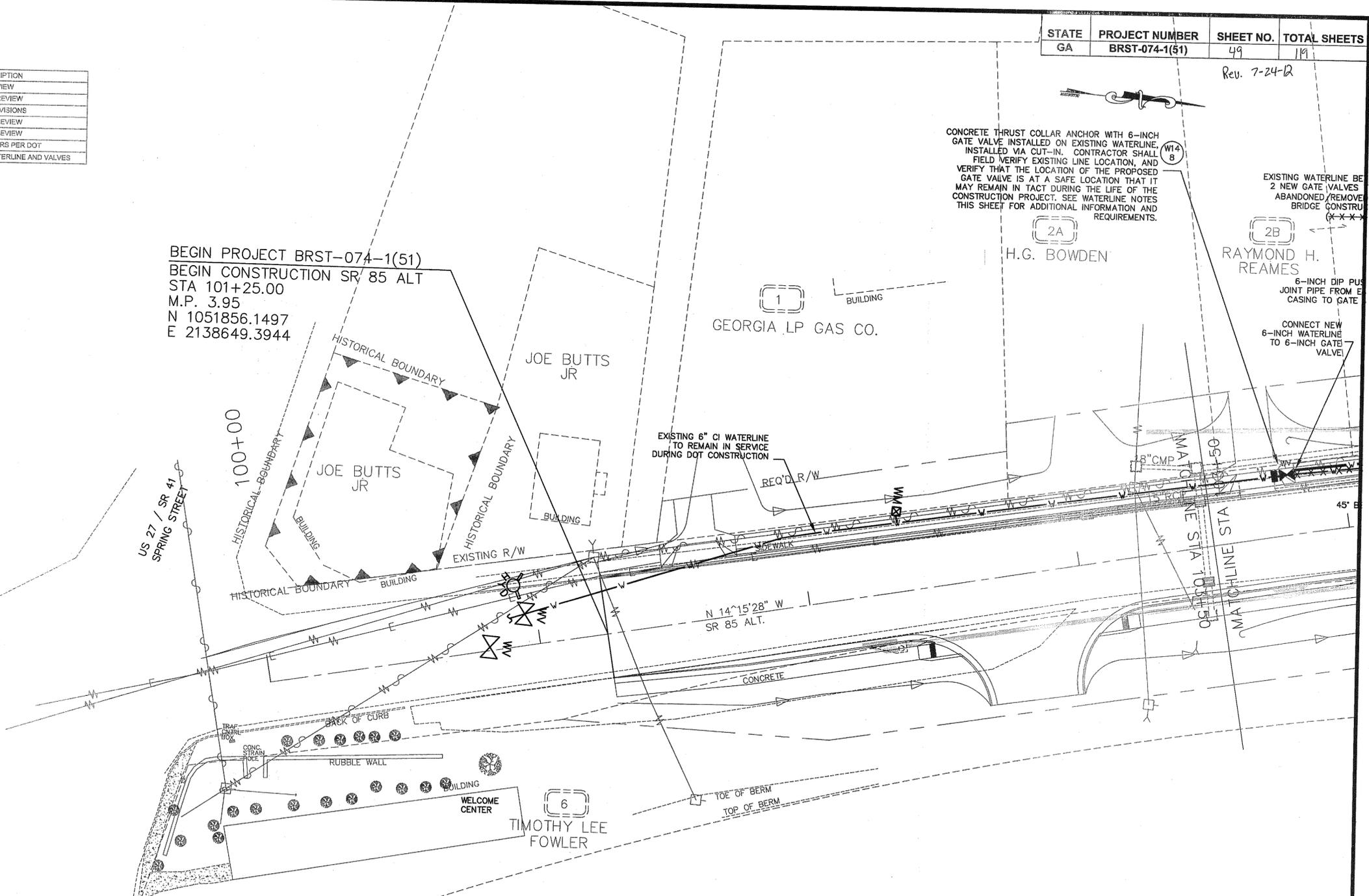


REVISION		
DATE	NO.	DESCRIPTION
12/14/07	A	SUBMIT TO DOT FOR REVIEW
01/07/08	B	RESUBMIT TO DOT FOR REVIEW
01/21/08	C	REVISED AS PER DOT REVISIONS
02/11/08	D	RESUBMIT TO DOT FOR REVIEW
03/13/12	E	RESUBMIT TO DOT FOR REVIEW
04/10/12	F	REVISED PARCEL NUMBERS PER DOT
07/21/12	G	REVISED PROPOSED WATERLINE AND VALVES

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	BRST-074-1(51)	49	119

Rev. 7-24-12

BEGIN PROJECT BRST-074-1(51)
BEGIN CONSTRUCTION SR 85 ALT
STA 101+25.00
M.P. 3.95
N 1051856.1497
E 2138649.3944



CONCRETE THRUST COLLAR ANCHOR WITH 6-INCH GATE VALVE INSTALLED ON EXISTING WATERLINE, INSTALLED VIA CUT-IN. CONTRACTOR SHALL FIELD VERIFY EXISTING LINE LOCATION, AND VERIFY THAT THE LOCATION OF THE PROPOSED GATE VALVE IS AT A SAFE LOCATION THAT IT MAY REMAIN IN TACT DURING THE LIFE OF THE CONSTRUCTION PROJECT. SEE WATERLINE NOTES THIS SHEET FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

EXISTING WATERLINE BE 2 NEW GATE VALVES ABANDONED/REMOVED BRIDGE CONSTRU (X-X-X)

6-INCH DIP PLUS JOINT PIPE FROM E CASING TO GATE

CONNECT NEW 6-INCH WATERLINE TO 6-INCH GATE VALVE

- WATERLINE NOTES:**
- ALL WORK SHOWN ON THESE PLANS SHALL BE FURNISHED AND INSTALLED BY GEORGIA DOT CONTRACTOR (HERE AFTER REFERRED TO AS "CONTRACTOR").
 - ALL WORK SHALL BE INSTALLED AS PER CONSTRUCTION DETAILS SHOWN ON SHEETS 7-8.
 - ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATIONS SHOWN ON SHEETS 9-10.
 - ALL CONNECTIONS/DISCONNECTIONS TO WATERLINES SHALL BE PERFORMED IN THE PRESENCE OF CITY WATER DEPARTMENT. WATER DEPARTMENT MUST BE NOTIFIED AT A MINIMUM OF 48 HOURS (MONDAY THROUGH FRIDAY) PRIOR TO THIS ACTIVITY. (PHONE NUMBER: 706-655-9096)
 - GATE VALVES SHALL BE MECHANICAL JOINT IN ACCORDANCE WITH AWWA C509 OR 515, EPOXY COATED. GATE VALVES SHALL BE INSTALLED WITH VALVE BOX AND COVER LABELED "WATER" AND WITH CONCRETE COLLAR IF FINAL LOCATION IS IN GRASS OR LIKE. TOP OF VALE BOX AND COVER SHALL BE FLUSH WITH FINISHED GRADE IF IN PAVEMENT OR SIDEWALK.
 - CONTRACTOR SHALL INSTALL THE 2 EACH 6-INCH GATE VALVES ON THE EXISTING WATERLINE AS EARLY AS POSSIBLE DURING BEGINNING OF CONSTRUCTION. UPON SUCCESSFUL INSTALLATION OF THE GATE VALVES, THE CONTRACTOR SHALL COORDINATE WITH THE CITY WATER DEPARTMENT. THE CITY WATER DEPARTMENT SHALL CLOSE THE 2 GATE VALVES TO SIMULATE THE 6-INCH WATERLINE OUT OF SERVICE ACROSS THE BRIDGE. THE CITY SHALL LEAVE THIS LINE OUT OF SERVICE FOR A MINIMUM OF 2 WEEKS TO MONITOR THE AVAILABLE FLOWS AND PRESSURES IN OTHER AREAS OF THE WATER SYSTEM. IF OTHER AREAS IN THE WATER SYSTEM SUFFER FROM INADEQUATE FLOW/PRESSURE, THE CITY SHALL OPEN THE GATE VALVES AND PLACE THE LINE BACK IN SERVICE IMMEDIATELY, AND CONTACT THE ENGINEER FOR ALTERNATIVE DESIGN SOLUTIONS. IF AFTER 2 WEEKS, ALL AREAS INDEED HAVE ADEQUATE FLOW/PRESSURE, AND THE CITY IS SATISFIED AS SUCH, THE PORTION OF 6-INCH WATERLINE IN BETWEEN THE NEWLY INSTALLED GATE VALVES MAY BE ABANDONED AND REMOVED AS NECESSARY BY THE CONTRACTOR FOR BRIDGE/ROAD CONSTRUCTION.
 - EXISTING AND PROPOSED INFORMATION PROVIDED BY GA DOT, DESIGN DRAWINGS BY HEATH AND LINEBACK ENGINEERS, INC.

